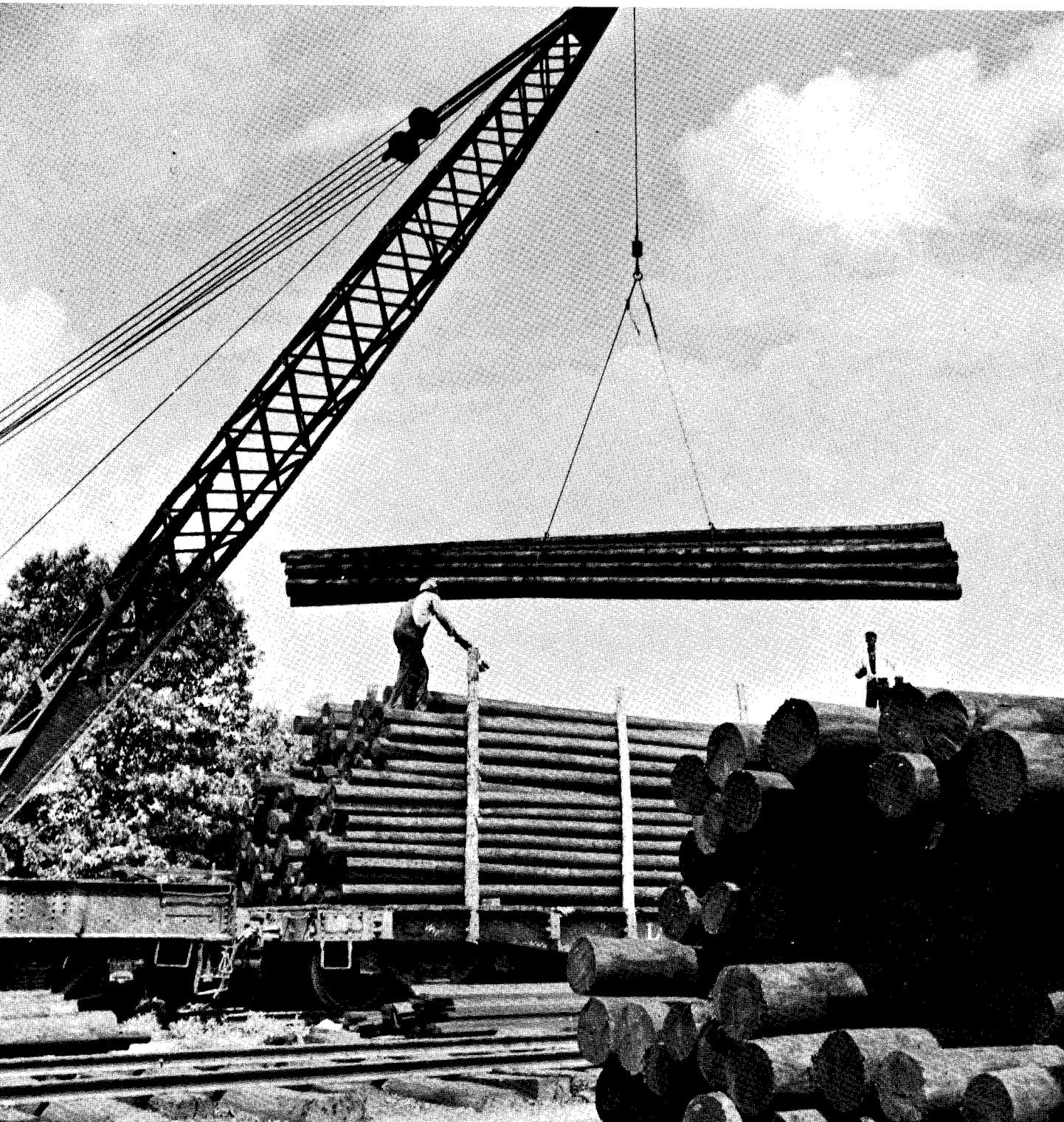


POLE AND PILING PRODUCTION IN THE MIDSOUTH



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Pole and Piling Production in the Midsouth

In 1964, nearly 53 million cubic feet of poles and piling were produced in the Midsouth-Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas. Virtually all the volume was southern pine.

In 1964, over half of the Nation's treated poles and piling was harvested in the Midsouth. The region's production was centered in Alabama, Mississippi, Louisiana, and Arkansas (fig. 1), where about 85 percent of the volume was harvested. Alabama alone supplied 12.6 million cubic feet.

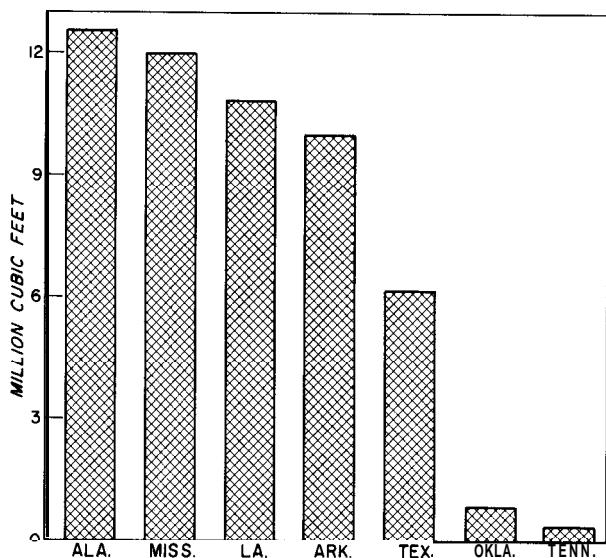


Figure 1.-Midsouth pole and piling output by State, 1964.

About 75 percent of the poles harvested in the Nation, and all of those cut in the Midsouth, were southern pine. Minor amounts of oak, hickory, and cypress were cut in the region for piling.

Utility poles were the most important product, comprising three-fourths of the area's output (fig. 2). Almost three-fourths of the utility-pole volume was in 30- to 45-foot lengths. The most common utility pole was class 5 and 35

feet long.¹ Alabama and Mississippi were the top producers, jointly furnishing over half the utility-pole volume.

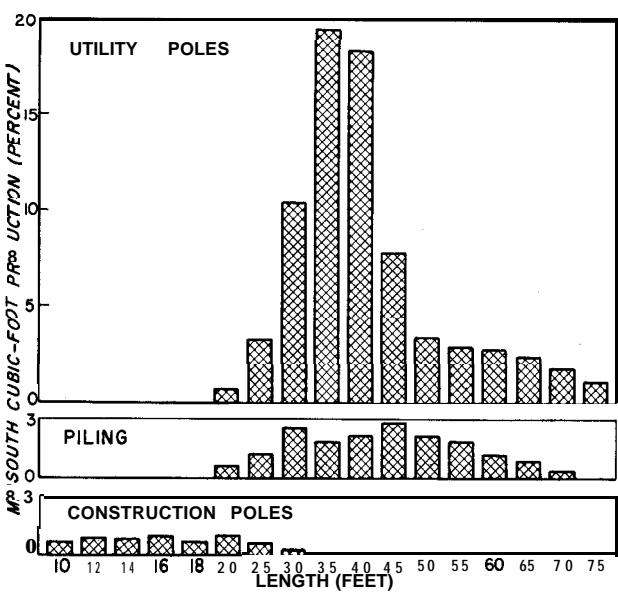


Figure 2.-Distribution of Midsouth pole and piling output by length.

Six percent of the output-3 million cubic feet-was for construction or "barn" poles. The average construction pole was 14 feet long and contained less than 3 cubic feet. Top diameters were generally 4 or 5 inches. Poles of 5-inch top diameters comprised the greatest volume. The most common construction pole was 10 feet long with a 4-inch top diameter.

For utility and construction types combined, Louisiana had the largest average pole-33 feet long and 15 cubic feet. Oklahoma had the smallest-17 feet long and 4 cubic feet. Varia-

¹For explanation of pole classes see American Standards Association, Inc. American standard specifications and dimensions for wood poles. 15 pp. New York. 1963.

tion in average size by State reflects the proportion of output for construction and the difference in timber size by State.

Piling volume totaled almost 10 million cubic feet. Louisiana was the leading producer, with a piling output of 4.2 million cubic feet. Mississippi was second, with 2.3 million cubic feet. Together, these States produced two-thirds of the region's piling. More volume was in 45-foot piles than any other length. The average length and volume of piles varied by State; Alabama's average pile was largest.

Nearly 13 million cubic feet of Midsouth poles and piling, roughly one-fourth of the total production, moved interstate in 1964. Some 8 million cubic feet were shipped out of the region. Alabama was the major exporter; Illinois, Missouri, and Florida were the principal recipients. Georgia, Indiana, Kentucky, Minnesota, New Hampshire, Ohio, South Carolina, and Virginia also received Midsouth products (fig. 3).

All poles from the Midsouth were treated with preservatives. The 1.4 million cubic feet

of untreated piling included all of the cypress, oak, and hickory, and 12 percent of the pine. More than 80 percent of the untreated pine was cut in Arkansas, while the bulk of the cypress came from Louisiana.

All untreated piling shipped out of the Mid-south-40 percent of the total-went to Missouri. Tennessee, which produced mainly untreated oak, was the biggest consumer of untreated piling in the region.

Less than 1 percent of the poles and piling treated in the Midsouth came from outside the region.

The pole and piling industry has been fairly stable since 1950, with output gradually increasing (fig. 4). There were 287 treating plants in the United States in 1950. Since then, a consistent three-fourths of the poles and piling treated in the United States has been southern pine.

By 1964, when the number of plants in the United States had increased to 402, the Mid-south alone had 121. Of these, 105 treated

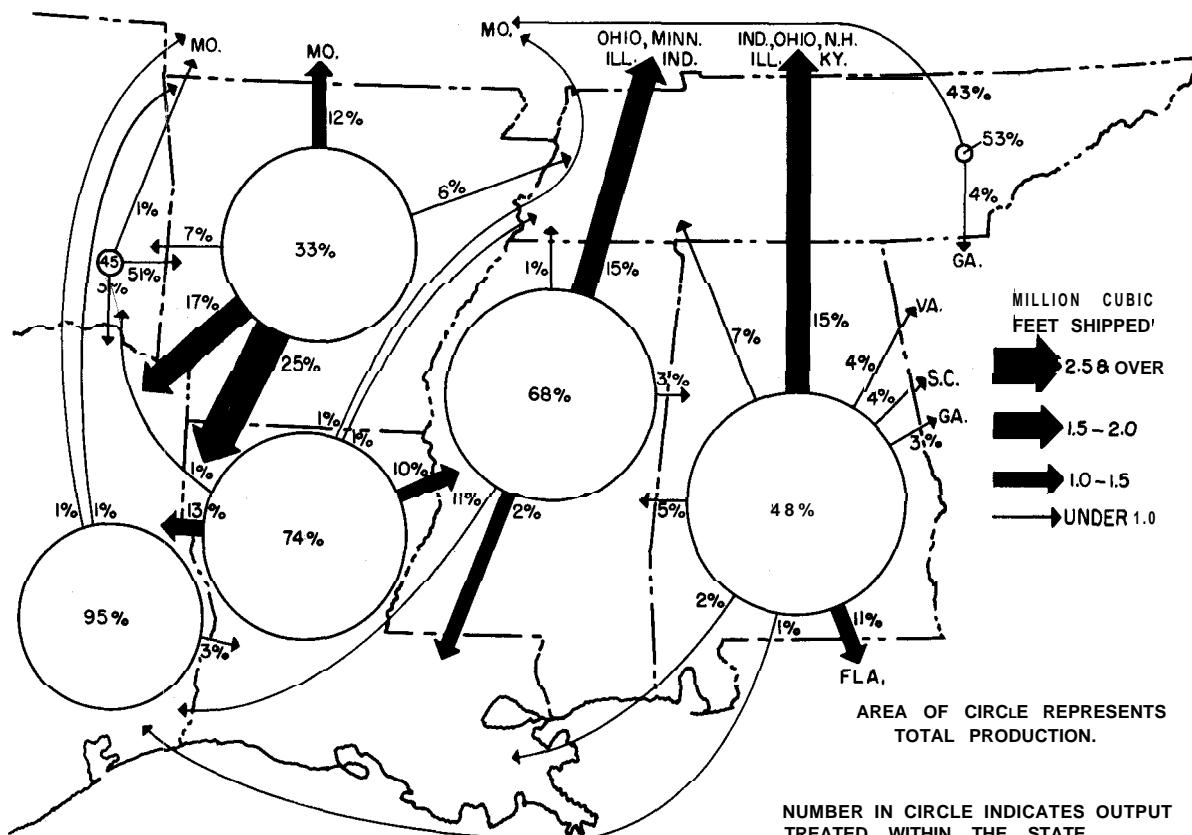


Figure 3.-Out-of-State pole and piling shipments.

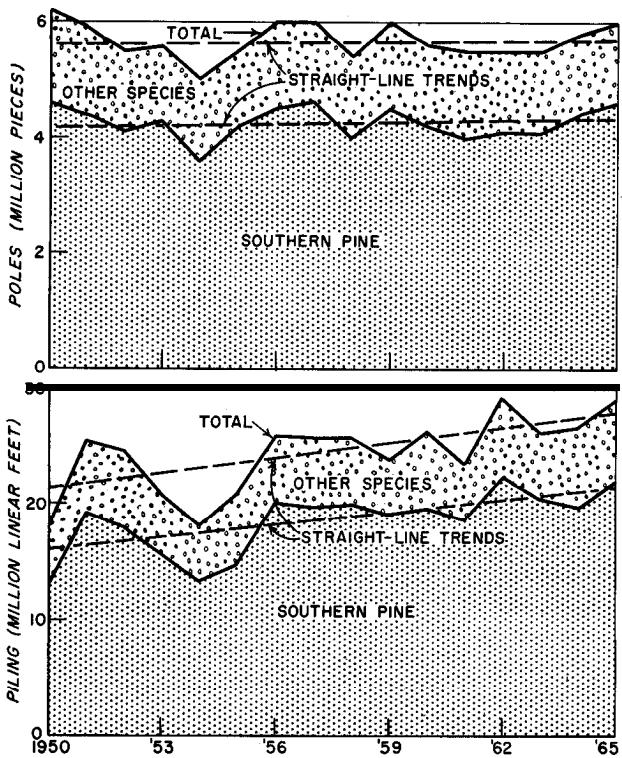


Figure 4.—Production of poles and piling by species, 1950-1965.

poles and piling (fig. 5). They processed 12 million linear feet of piling and 3.7 million poles in addition to other products, including posts, lumber, and crossties. Although fifth in production of poles and piling, Texas had the greatest number of treating plants.

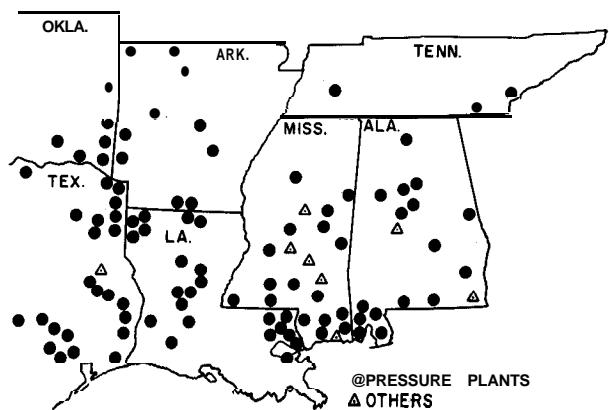


Figure 5.—Location of wood-preserving plants that treat poles and piling.

More than 9 out of 10 Midsouth plants use a pressure-treating process for poles and piling.

Before treatment, over 85 percent of the plants steam the timbers in treating cylinders, then draw a vacuum on them to remove excess moisture. Almost half air-season the timbers before the steam and vacuum process.

Treating plants buy most of their poles and piling from independent logging contractors. In 1964, the average procurement distance was 75 miles. The maximum for 85 percent of the plants was 250 miles or less. Poles and piling are usually purchased by the piece and hauled to plants by truck. Poles usually have the bark on when delivered, but nearly half the piles are peeled in the woods.

Based on Louisiana prices,² the Midsouth's 1964 harvest of class 5, 35-foot utility poles alone was worth nearly \$2 million. The value of utility poles of all classes and lengths was over \$17 million. Construction poles delivered to treating plants were valued at nearly \$1 million; piling at more than \$3 million. Thus, the aggregate value of poles and piling harvested in the Midsouth and delivered to plants exceeded \$21 million.

Stumpage prices for poles and piling have been and should continue to be favorable. A recent study in loblolly pine stands near Crossett, Arkansas, indicates that returns from stands managed for pulpwood and sawtimber alone were only 62 percent of returns from the same stands managed for pulpwood, sawtimber, and poles.³ According to the 1962 "Timber Trends in the United States," pole and piling requirements for replacements and new construction are expected to increase over the next several decades.⁴

In 1964, some 4 million Midsouth softwood trees were cut for poles and piling. By contrast, an estimated 430 million softwoods in the region are suitable, and the number is increasing. For example, the most recent Forest Surveys in Alabama and Louisiana indicate softwood volume increases of 28 and 43 percent in 10 years. These increases are largely in trees of sizes commonly used for poles and piling. Thus, in the Midsouth, the possibility of a shortage of timber suitable for poles and piling is remote.

² Louisiana Department of Agriculture and Immigration. Louisiana timber products. Quart. Market Rep. 10(4): 1-4. 1965.

³ Bassett, J. R. Pole production in natural loblolly pine stands near Crossett, Arkansas. U. S. Dep. Agr. Forest Serv. Res. Note SO-59 5 pp. Southern Forest Exp. Sta., New Orleans, La. 1967.

⁴ U. S. Dep. Agr. Forest Service. Timber trends in the United States. Forest Resource Rep. 17, 235 pp. Washington, D.C. 1965.

Table 1.—**Cubic** of **poles** and piling produced in **the** Midsouth, 1964

| State | Total | Utility poles | Construction poles | Piling |
|-------------------|------------|---------------|--------------------|-----------|
| Cubic feet | | | | |
| Alabama | 12,573,053 | 11,409,923 | 461,033 | 702,097 |
| Arkansas | 10,035,398 | 7,505,219 | 971,966 | 1,558,213 |
| Louisiana | 10,882,094 | 6,615,888 | 116,078 | 4,150,128 |
| Mississippi | 12,021,814 | 9,170,814 | 505,068 | 2,345,932 |
| Oklahoma | 847,427 | 318,809 | 467,582 | 61,036 |
| Tennessee | 379,997 | 76,736 | 120,088 | 183,173 |
| Texas | 6,137,266 | 5,114,461 | 389,784 | 633,021 |
| Total | 52,877,049 | 40,211,850 | 3,031,599 | 9,633,600 |

Table 2.—**Poles** and piling treated with **wood preservatives** in **the** Midsouth, 1964

| State | Total | Utility poles | Construction poles | Piling |
|-------------------|------------|---------------|--------------------|-----------|
| Cubic feet | | | | |
| Alabama | 6,589,881 | 5,941,347 | 369,780 | 278,754 |
| Arkansas | 3,853,865 | 2,744,375 | 587,758 | 521,732 |
| Louisiana | 12,334,860 | 8,317,078 | 114,256 | 3,903,526 |
| Mississippi | 9,865,875 | 7,302,372 | 450,769 | 2,112,734 |
| Oklahoma | 1,172,653 | 462,415 | 661,300 | 48,938 |
| Tennessee | 1,119,476 | 974,107 | 127,153 | 18,216 |
| Texas | 9,294,640 | 8,292,337 | 346,697 | 655,606 |
| Total | 44,231,250 | 34,034,031 | 2,657,713 | 7,539,506 |

Table 3.—**Poles produced in the Midsouth in 1964, by State and length**

| Length (feet) | All. States | Alabama | Arkansas | Louisiana | Mississippi | Oklahoma | Tennessee | Texas |
|---------------|-------------|---------|----------|-----------|-------------|----------|-----------|---------|
| Pieces | | | | | | | | |
| 10-16 | 910,793 | 120,500 | 319,198 | 37,351 | 131,211 | 128,856 | 22,797 | 150,880 |
| 18 | 102,236 | 18,324 | 31,119 | 2,280 | 19,488 | 13,717 | 4,982 | 12,326 |
| 20 | 202,698 | 35,058 | 61,665 | 16,896 | 42,362 | 18,552 | 5,577 | 22,588 |
| 25 | 309,765 | 72,705 | 63,341 | 39,618 | 73,688 | 15,469 | 6,144 | 38,800 |
| 30 | 614,007 | 163,681 | 68,685 | 119,414 | 193,938 | 9,105 | 3,096 | 56,088 |
| 35 | 727,921 | 176,941 | 106,418 | 108,975 | 201,686 | 11,491 | 1,363 | 121,047 |
| 40 | 483,084 | 147,781 | 72,944 | 71,416 | 116,270 | 3,728 | 219 | 70,726 |
| 45 | 156,450 | 52,538 | 20,785 | 31,201 | 30,092 | 852 | 83 | 20,899 |
| 50 | 54,007 | 13,810 | 12,707 | 11,843 | 9,966 | ... | | 5,681 |
| 55 | 37,674 | 9,844 | 12,787 | 7,205 | 4,967 | ... | 2 | 2,869 |
| 60 | 31,305 | 8,128 | 13,669 | 5,304 | 2,718 | 10 | ... | 1,476 |
| 65 | 22,954 | 7,530 | 8,699 | 4,153 | 1,800 | .. | .. | 772 |
| 70 | 13,860 | 4,231 | 5,717 | 2,300 | 1,104 | 15 | | 493 |
| 75 | 7,959 | 2,218 | 3,538 | 1,138 | 832 | .. | | 233 |
| 80 | 3,548 | 1,274 | 1,489 | 315 | 278 | . | | 192 |
| 85 | 1,548 | 606 | 643 | 203 | 94 | .. | .. | 2 |
| 90 | 736 | 392 | 201 | 98 | 45 | .. | .. | .. |
| 95 | 187 | 93 | 58 | 29 | 7 | .. | .. | .. |
| 100 | 84 | 49 | 19 | 11 | 5 | .. | .. | .. |
| 105 | 25 | 19 | 5 | 1 | .. | .. | .. | .. |
| 110 | 6 | 5 | 1 | , | .. | .. | .. | .. |
| Total | 3,680,847 | 835,727 | 803,688 | 459,751 | 830,551 | 201,795 | 44,263 | 505,072 |

Table 4.-*Piling* produced in the Midsouth in 1964, by State and length

| Length (feet) | All States | Alabama | Arkansas | Louisiana | Mississippi | Oklahoma | Tennessee | Texas |
|------------------|-------------------|---------|------------------|------------------|------------------|----------|-----------|---------------|
| Linear feet | | | | | | | | |
| 10-16 | 231,156 | 5,023 | 66,827 | 57,299 | 51,132 | 33,224 | | 17,651 |
| 18 | 47,255 | 3,564 | 17,442 | 6,758 | 6,009 | 4,788 | | 8,694 |
| 20 | 440,984 | 27,102 | 81,163 | 112,179 | 163,043 | 11,452 | | 46,045 |
| 25 | 845,555 | 30,422 | 121,563 | 312,854 | 316,577 | 22,150 | | 41,989 |
| 30 | 2,108,971 | 43,470 | 161,496 | 435,276 | 1,342,330 | 24,030 | 2,910 | 99,459 |
| 35 | 1,214,389 | 54,650 | 120,436 | 304,548 | 633,742 | 12,005 | 2,170 | 86,838 |
| 40 | 1,379,669 | 62,543 | 244,788 | 731,555 | 172,539 | 13,164 | 5,040 | 150,040 |
| 45 | 1,865,263 | 35,325 | 763,483 | 549,756 | 176,454 | 3,600 | 240,390 | 96,255 |
| 50 | 1,351,961 | 127,292 | 265,396 | 721,216 | 139,757 | | 1,600 | 96,700 |
| 55 | 1,099,778 | 195,078 | 137,549 | 609,634 | 114,287 | . | 1,870 | 41,360 |
| 60 | 732,528 | 146,906 | 66,166 | 354,336 | 116,100 | | | 49,020 |
| 65 | 514,943 | 43,095 | 19,968 | 398,385 | 32,890 | | | 20,605 |
| 70 | 216,110 | 28,144 | 11,986 | 155,750 | 8,540 | . | 560 | 11,130 |
| 75 | 84,900 | 42,000 | 300 | 39,525 | 3,075 | . | | |
| 80 | 35,209 | 23,926 | 960 | 9,603 | 720 | . | | |
| 85 | 7,186 | 6,845 | . | 341 | | . | | ... |
| 90 | 2,970 | 990 | 1,080 | 810 | 90 | . | | |
| 95 | ... | | | | | . | | |
| 100 | 200 | 200 | | | | | ... | |
| Total | 12,179,027 | 876,575 | 2,080,603 | 4,799,825 | 3,277,285 | 124,413 | 254,540 | 765,786 |

Table 5.-*Cubic feet of poles and piling produced in the Midsouth in 1964, by length*

| Length (feet) | Total | Poles | Piling |
|------------------|-------------------|-------------------|------------------|
| Cubic feet | | | |
| 10-16 | 1,898,462 | 1,752,873 | 145,589 |
| 18 | 401,520 | 373,429 | 28,091 |
| 20 | 1,221,032 | 900,408 | 320,624 |
| 25 | 2,705,188 | 2,049,071 | 656,117 |
| 30 | 6,989,321 | 5,654,877 | 1,334,444 |
| 35 | 11,359,505 | 10,382,552 | 976,953 |
| 40 | 10,850,847 | 9,685,439 | 1,165,408 |
| 45 | 5,648,702 | 4,171,896 | 1,476,806 |
| 50 | 3,000,577 | 1,840,484 | 1,160,093 |
| 55 | 2,540,762 | 1,558,233 | 982,529 |
| 60 | 2,128,939 | 1,509,020 | 619,919 |
| 65 | 1,760,257 | 1,295,413 | 464,844 |
| 70 | 1,102,893 | 910,682 | 192,211 |
| 75 | 661,085 | 588,293 | 72,792 |
| 80 | 332,700 | 303,712 | 28,988 |
| 85 | 156,403 | 150,826 | 5,577 |
| 90 | 81,700 | 79,238 | 2,462 |
| 95 | 22,221 | 22,221 | ... |
| 100 | 11,412 | 11,259 | 153 |
| 105 | 2,551 | 2,551 | |
| 110 | 972 | 972 | |
| Total | 52,877,049 | 43,243,449 | 9,633,600 |

Table B.—Distribution of utility poles produced *in the Midsouth* in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| Percent ¹ | | | | | | | | | | |
| 10-16 | 0.81 | (²) | (²) | 0.09 | 0.18 | 0.17 | 0.06 | 0.05 | 0.11 | 0.15 |
| 18 | .48 | (²) | (²) | .02 | .01 | .03 | .04 | .04 | .10 | .24 |
| 20 | 3.63 | (²) | (²) | .04 | .13 | .21 | .35 | 1.36 | 1.26 | .28 |
| 25 | 10.54 | 0.01 | 0.06 | .12 | .31 | 1.13 | 2.05 | 4.04 | 2.33 | .49 |
| 30 | 23.79 | .03 | .11 | .38 | 1.03 | 4.01 | 6.06 | 5.02 | 7.15 | (²) |
| 35 | 28.57 | .04 | .18 | .74 | 3.89 | 12.04 | 8.61 | 2.82 | .25 | ... |
| 40 | 19.10 | .12 | .48 | 1.81 | 6.89 | 7.90 | 1.70 | .20 | (²) | ... |
| 45 | 6.19 | .10 | .40 | 1.83 | 2.35 | 1.44 | .07 | (²) | ... | ... |
| 50 | 2.14 | .08 | .30 | .93 | .66 | .17 | (²) | (²) | ... | ... |
| 55 | 1.49 | .09 | .37 | .58 | .40 | .05 | ... | ... | ... | ... |
| 60 | 1.24 | .09 | .31 | .52 | .30 | .02 | ... | ... | ... | ... |
| 65 | .91 | .10 | .27 | .37 | .16 | .01 | ... | ... | ... | ... |
| 70 | .55 | .07 | .24 | .17 | .07 | (²) | ... | (²) | ... | ... |
| 75 | .32 | .06 | .13 | .10 | .03 | (²) | ... | ... | ... | ... |
| 80 | .14 | .04 | .06 | .03 | .01 | ... | ... | ... | ... | ... |
| 85 | .06 | .03 | .02 | .01 | (²) | ... | ... | ... | ... | ... |
| 90 | .03 | .01 | .01 | .01 | (²) | ... | ... | ... | ... | ... |
| 95 | .01 | .01 | (²) | (²) | ... | ... | ... | ... | ... | ... |
| 100 | (²) | (²) | (²) | (²) | ... | ... | ... | ... | ... | ... |
| 105 | (²) | (²) | (²) | , | ... | ... | ... | ... | ... | ... |
| 110 | (²) | (²) | (²) | , | ... | ... | ... | ... | ... | ... |
| Tonal by length | 100.00 | .88 | 2.94 | 7.75 | 16.42 | 27.18 | 18.94 | 13.53 | 11.20 | 1.16 |

¹Based on number of pieces.

²Negligible.

Table 7.—Distribution of construction poles produced in the Midsouth in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter (inches) | | | | | | | | |
|----------------------|------------------|-----------------------------|------------------|------------------|------------------|------------------|------------------|------|------|------------------|
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 14 |
| Percent ¹ | | | | | | | | | | |
| 10-14 | 62.78 | 6.81 | 32.53 | 20.04 | 2.97 | 0.34 | 0.06 | 0.02 | 0.01 | (²) |
| 16 | 14.34 | .05 | 5.09 | 7.45 | 1.55 | .10 | .06 | .02 | .02 | (²) |
| 18 | 7.81 | .04 | 1.98 | 4.38 | 1.26 | .06 | .04 | .02 | .03 | ... |
| 20 | 9.61 | .05 | 2.03 | 5.45 | 1.84 | .09 | .10 | .03 | .02 | ... |
| 25 | 3.76 | .08 | .54 | 1.79 | 1.16 | .07 | .06 | .04 | .02 | ... |
| 30 | 1.13 | .02 | .01 | .40 | .50 | .16 | .02 | .01 | .01 | ... |
| 35 | .53 | .01 | .01 | .17 | .23 | .03 | .06 | .01 | .01 | ... |
| 40 | .04 | ... | ... | (²) | .01 | .03 | (²) | ... | ... | ... |
| 45 | (²) | ... | ... | (²) | (²) | (²) | ... | ... | ... | ... |
| 50 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 55 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 60 | (²) | | (²) | ... | ... | ... | ... | ... | ... | ... |
| 65 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 70 | (²) | ... | (²) | ... | ... | ... | ... | ... | ... | ... |
| Total | 100.00 | 7.06 | 42.19 | 39.68 | 9.52 | .88 | .40 | .15 | .12 | (²) |

¹Based on number of pieces.

²Negligible.

Table 8.-Distribution of piling produced in the *Midsouth* in 1964, by State and length

| Length (feet) | Midsouth | Ala. | Ark. | La. | Miss. | Okla. I | Tenn. | Texas |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------|------------------|-------|
| <i>Percent</i> ¹ | | | | | | | | |
| 10-16 | 1.90 | 0.04 | 0.55 | 0.48 | 0.42 | 0.27 | | 0.14 |
| 18 | .39 | .03 | .14 | .06 | .05 | .04 | | .07 |
| 20 | 3.62 | .22 | .67 | .92 | 1.34 | .09 | | .38 |
| 25 | 6.94 | .25 | 1.00 | 2.57 | 2.60 | .18 | | .34 |
| 30 | 17.32 | .36 | 1.33 | 3.57 | 11.02 | .20 | 0.02 | .82 |
| 35 | 9.97 | .45 | .99 | 2.50 | 5.20 | .10 | .02 | .71 |
| 40 | 11.33 | .51 | 2.01 | 6.01 | 1.42 | .11 | .04 | 1.23 |
| 45 | 15.32 | .29 | 6.27 | 4.52 | 1.45 | .03 | 1.97 | .79 |
| 50 | 11.10 | 1.05 | 2.18 | 5.92 | 1.15 | .. | .01 | .79 |
| 55 | 9.03 | 1.60 | 1.13 | 5.00 | .94 | .. | .02 | .34 |
| 60 | 6.01 | 1.21 | .54 | 2.91 | .95 | .. | | .40 |
| 65 | 4.23 | .35 | .16 | 3.28 | .27 | .. | .. | .17 |
| 70 | 1.77 | .23 | .10 | 1.28 | .07 | .. | (²) | .09 |
| 75 | .70 | .35 | (²) | .32 | .03 | .. | | .. |
| 80 | .29 | .19 | .01 | .08 | .01 | .. | | .. |
| 85 | .06 | .06 | ... | (²) | .. | .. | | .. |
| 90 | .02 | .01 | (²) | .01 | (²) | .. | .. | .. |
| 95 | .. | .. | .. | .. | .. | .. | .. | .. |
| 100 | (²) | (²) | .. | .. | .. | .. | .. | .. |
| Total | 100.00 | 7.20 | 17.08 | 39.43 | 26.92 | 1.02 | 2.08 | 6.27 |

¹Based on linear feet..

²Negligible.

Table 9.-Utility poles produced in Alabama in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|------------------|----------------|------------|--------|--------|---------|---------|---------|---------|--------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| <i>Pieces</i> | | | | | | | | | | |
| 10-16 | 7,841 | . | | 1,288 | 2,714 | 883 | 479 | 3 | 880 | 1,594 |
| 18 | 2,029 | . | | .. | 120 | 110 | 242 | 8 | 188 | 1,361 |
| 20 | 13,746 | 5 | .. | 40 | 212 | 379 | 1,744 | 3,362 | 6,060 | 1,944 |
| 25 | 67,990 | 134 | 199 | 302 | 1,049 | 4,820 | 7,265 | 32,620 | 18,541 | 3,060 |
| 30 | 161,614 | 211 | 684 | 2,160 | 6,376 | 29,453 | 37,147 | 51,016 | 34,567 | |
| 35 | 176,600 | 423 | 1,977 | 5,863 | 23,340 | 76,868 | 47,087 | 21,022 | 20 | |
| 40 | 147,745 | 1,414 | 5,819 | 13,084 | 54,331 | 56,758 | 14,258 | 2,081 | | |
| 45 | 52,535 | 1,438 | 4,873 | 15,237 | 18,450 | 11,744 | 783 | 10 | | |
| 50 | 13,810 | 1,266 | 2,670 | 5,507 | 3,856 | 511 | .. | | | |
| 55 | 9,844 | 1,274 | 2,259 | 3,989 | 2,189 | 133 | .. | | | |
| 60 | 8,128 | 1,018 | 2,377 | 2,712 | 1,962 | 59 | .. | | | |
| 65 | 7,530 | 1,428 | 2,080 | 2,594 | 1,382 | 46 | .. | .. | .. | |
| 70 | 4,231 | 1,030 | 1,938 | 808 | 437 | 18 | .. | | | |
| 75 | 2,218 | 799 | 794 | 512 | 103 | 10 | .. | | | |
| 80 | 1,274 | 484 | 473 | 184 | 133 | .. | .. | .. | .. | |
| 85 | 606 | 249 | 200 | 114 | 43 | .. | .. | .. | .. | |
| 90 | 392 | 185 | 129 | 45 | 33 | .. | .. | | | |
| 95 | 93 | 51 | 24 | 18 | .. | .. | .. | .. | .. | |
| 100 | 49 | 31 | 18 | .. | .. | .. | .. | .. | .. | |
| 105 | 19 | 12 | 7 | .. | .. | .. | .. | .. | .. | |
| 110 | 5 | 5 | .. | .. | .. | .. | .. | .. | .. | |
| Total | 678,299 | 11,457 | 26,521 | 54,457 | 116,730 | 181,792 | 109,005 | 110,122 | 60,256 | 7,959 |

Table 10.—*Construction* poles produced in Alabama in 1964, by length and small-end

| Length 5 (feet) | Sme ¹¹ All diameters | end | | diameter | | (inches) | | | | |
|--------------------|---------------------------------------|-------|--------|----------|--------|----------|-----|-----|-----|-----|
| | | 33 | 4 | 7 | | 8 | 9 | 10 | 14 | |
| <i>Pieces</i> | | | | | | | | | | |
| 10-16 | 112,659 | 3,233 | 39,182 | 63,492 | 6,255 | 142 | 273 | 51 | 25 | 6 |
| 18 | 16,295 | | 2,573 | 10,748 | 2,875 | 40 | 59 | ... | ... | ... |
| 20 | 21,312 | | 1,900 | 15,876 | 3,222 | 179 | 106 | 29 | ... | ... |
| 25 | 4,715 | | 192 | 3,046 | 1,330 | 95 | 19 | 33 | | |
| 30 | 2,067 | 159 | | 681 | 1,190 | ... | 36 | . | 1 | |
| 35 | 341 | . | | 88 | 243 | 10 | . | ... | ... | ... |
| 40 | 36 | . | | 14 | 22 | | .. | .. | .. | .. |
| 45 | 3 | | | | 1 | 2 | . | . | . | . |
| Total | 157,428 | 3,392 | 43,847 | 93,945 | 15,138 | 468 | 493 | 113 | 26 | 6 |

Table 11.—*Utility* poles *produced in Arkansas in 1964*, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|--------------------|----------------|------------|--------|--------|--------|---------|--------|--------|--------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| <i>p i e c e s</i> | | | | | | | | | | |
| 10-16 | 4,751 | . | | 713 | 985 | 552 | 321 | 641 | 708 | 831 |
| 18 | 4,299 | . | | 329 | 1 | 462 | 20 | 176 | 704 | 2,607 |
| 20 | 27,947 | . | .. | 299 | 895 | 2,602 | 1,793 | 12,723 | 7,749 | 1,886 |
| 25 | 50,132 | 2 | 95 | 49 | 274 | 3,246 | 10,053 | 20,595 | 11,289 | 4,529 |
| 30 | 64,100 | 103 | 105 | 258 | 1,952 | 13,612 | 26,707 | 13,930 | 7,433 | |
| 35 | 104,775 | 7 | 393 | 1,014 | 14,708 | 41,487 | 39,342 | 7,729 | 95 | |
| 40 | 72,649 | 188 | 799 | 5,451 | 27,688 | 33,601 | 4,734 | 181 | 7 | |
| 45 | 20,785 | 296 | 920 | 6,433 | 8,664 | 4,363 | 91 | 18 | . | |
| 50 | 12,707 | 99 | 1,649 | 6,071 | 3,361 | 1,521 | 6 | .. | .. | .. |
| 55 | 12,787 | 247 | 4,163 | 4,691 | 3,088 | 598 | . | .. | .. | .. |
| 60 | 13,669 | 430 | 3,355 | 6,741 | 2,936 | 207 | .. | .. | .. | .. |
| 65 | 8,699 | 333 | 2,819 | 4,269 | 1,264 | 14 | .. | .. | .. | .. |
| 70 | 5,717 | 268 | 2,551 | 2,203 | 695 | ... | .. | .. | .. | .. |
| 75 | 3,538 | 278 | 1,382 | 1,297 | 474 | 107 | .. | .. | .. | .. |
| 80 | 1,489 | 215 | 739 | 451 | 84 | .. | .. | .. | .. | .. |
| 85 | 643 | 255 | 221 | 160 | 7 | .. | .. | .. | .. | .. |
| 90 | 201 | 83 | 71 | 47 | .. | .. | .. | .. | .. | .. |
| 95 | 58 | 24 | 18 | 16 | . | .. | .. | .. | .. | .. |
| 100 | 19 | 13 | 3 | 3 | .. | .. | .. | .. | .. | .. |
| 105 | 5 | 4 | 1 | . | . | .. | .. | .. | .. | .. |
| 110 | 1 | 1 | . | . | . | .. | .. | .. | .. | .. |
| Total | 408,971 | 2,846 | 19,284 | 40,495 | 67,076 | 102,372 | 83,067 | 55,993 | 27,985 | 9,853 |

Table 12.—Construction poles produced in Arkansas in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter (inches) | | | | | | | |
|------------------|------------------|-----------------------------|---------|---------|--------|-------|-----|-------|-------|
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Pieces | | | | | | | | | |
| 10-16 | 314,447 | 33,623 | 174,448 | 91,424 | 12,769 | 1,694 | 89 | 200 | 200 |
| 18 | 26,820 | 467 | 7,648 | 13,905 | 3,922 | 277 | 1 | 200 | 400 |
| 20 | 33,718 | 602 | 8,119 | 17,882 | 6,319 | 392 | ... | 200 | 204 |
| 25 | 13,209 | 876 | 2,214 | 5,400 | 3,833 | 384 | 40 | 262 | 200 |
| 30 | 4,585 | 100 | 102 | 1,241 | 1,252 | 1,690 | ... | 100 | 100 |
| 35 | 1,643 | 100 | 100 | 142 | 208 | 286 | 607 | 100 | 100 |
| 40 | 295 | | | | 4 | 291 | | | |
| Total | 394,717 | 35,768 | 192,631 | 129,994 | 28,307 | 5,014 | 737 | 1,062 | 1,204 |

Table 13.—Utility poles produced in Louisiana in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|------------------|----------------|------------|--------|--------|--------|---------|--------|--------|--------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| Pieces | | | | | | | | | | |
| 10-16 | 2,415 | 7 | | 12 | 861 | 1,091 | 38 | 132 | 140 | 134 |
| 18 | 379 | 1 | | ... | ... | ... | 9 | 6 | 333 | 30 |
| 20 | 13,265 | 7 | ... | 51 | 60 | 409 | 385 | 6,423 | 5,388 | 542 |
| 25 | 36,861 | 20 | 277 | 1,532 | 986 | 7,831 | 11,948 | 8,296 | 5,208 | 763 |
| 30 | 119,097 | 28 | 975 | 2,044 | 4,246 | 18,022 | 23,570 | 11,089 | 59,123 | |
| 35 | 108,863 | 107 | 534 | 1,580 | 14,490 | 48,051 | 36,893 | 7,201 | 7 | .. |
| 40 | 71,409 | 378 | 1,548 | 7,481 | 22,902 | 31,387 | 7,388 | 325 | | .. |
| 45 | 31,201 | 277 | 1,385 | 10,550 | 9,806 | 8,994 | 177 | 12 | | |
| 50 | 11,843 | 113 | 1,017 | 6,311 | 3,366 | 1,023 | 1 | 12 | | |
| 55 | 7,205 | 102 | 1,005 | 3,218 | 2,477 | 403 | | | | |
| 60 | 5,304 | 270 | 981 | 2,069 | 1,833 | 151 | | | | |
| 65 | 4,153 | 269 | 1,140 | 1,627 | 1,061 | 56 | | | | |
| 70 | 2,300 | 132 | 880 | 756 | 526 | 2 | | 4 | | |
| 75 | 1,138 | 182 | 530 | 364 | 62 | | ::: | . | ::: | ::: |
| 80 | 315 | 75 | 168 | 68 | 4 | ... | ... | ... | ... | ... |
| 85 | 203 | 77 | 83 | 43 | ... | ... | ... | ... | ... | ... |
| 90 | 98 | 30 | 52 | 16 | | | | | | |
| 95 | 29 | 11 | 14 | 4 | | | | | | |
| 100 | 11 | 6 | 2 | 3 | | | | | | |
| 105 | 1 | | 1 | | | | | | | |
| Total | 416,090 | 2,092 | 10,592 | 37,729 | 62,680 | 117,420 | 80,409 | 33,500 | 70,199 | 1,469 |

Table 14.—Construction poles produced in Louisiana in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter (inches) | | | | | | | |
|------------------|------------------|-----------------------------|--------|--------|-------|-----|-----|-----|-----|
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| pieces | | | | | | | | | |
| 10-16 | 34,936 | 4,575 | 15,576 | 12,356 | 1,836 | 365 | 226 | | 2 |
| 18 | 1,901 | 1 | 392 | 1,206 | 295 | 4 | 3 | | |
| 20 | 3,631 | 3 | 356 | 2,023 | 824 | 119 | 306 | ::: | ::: |
| 25 | 2,757 | | 52 | 1,231 | 965 | 113 | 396 | | |
| 30 | 317 | | | 32 | 191 | 54 | 40 | | |
| 35 | 112 | | | 52 | 19 | 16 | 25 | | |
| 40 | 7 | | | | | 7 | | | |
| Total | 43,661 | 4,579 | 16,376 | 16,900 | 4,130 | 678 | 996 | | 2 |

Table 15.—Utility poles produced in Mississippi in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|------------------|----------------|------------|-------|--------|---------|---------|---------|---------|---------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| Pieces | | | | | | | | | | |
| 10-16 | 3,409 | | | 1 | 50 | 599 | 563 | 387 | 675 | 1,134 |
| 18 | 4,069 | | | | 50 | 174 | 759 | 617 | 920 | 1,549 |
| 20 | 22,359 | 1 | 3 | 543 | 1,683 | 954 | 3,173 | 7,149 | 8,343 | 510 |
| 25 | 65,509 | 57 | 663 | 819 | 4,550 | 6,499 | 8,550 | 26,721 | 16,947 | 703 |
| 30 | 191,744 | 363 | 610 | 4,117 | 8,069 | 25,495 | 37,758 | 39,445 | 75,855 | 32 |
| 35 | 200,893 | 216 | 1,211 | 7,437 | 27,211 | 83,663 | 47,420 | 27,416 | 6,319 | |
| 40 | 116,163 | 550 | 1,514 | 12,258 | 41,338 | 47,335 | 10,694 | 2,474 | | |
| 45 | 30,084 | 161 | 1,178 | 8,574 | 13,856 | 5,994 | 291 | 30 | | |
| 50 | 9,966 | 349 | 1,107 | 3,919 | 4,176 | 414 | | 1 | | |
| 55 | 4,967 | 381 | 1,161 | 1,756 | 1,653 | | 16 | | | |
| 60 | 2,718 | 356 | 812 | 1,049 | | 457 | 44 | | | |
| 65 | 1,600 | 369 | 564 | 643 | | 199 | 25 | | | |
| 70 | 1,104 | 281 | 476 | 310 | | 37 | | | | |
| 75 | 832 | 201 | 374 | 215 | | 42 | | | | |
| 80 | 278 | 173 | 58 | 47 | | | | ... | | |
| 85 | 94 | 50 | 26 | 18 | | . | | ... | | |
| 90 | 45 | 19 | 20 | 6 | | . | | ... | .. | ... |
| 95 | 7 | 4 | 2 | 1 | | ... | . | .. | .. | ... |
| 100 | 5 | 3 | 1 | 1 | | . | | .. | | |
| Total | 656,046 | 3,534 | 9,780 | 41,714 | 103,371 | 171,212 | 109,209 | 104,239 | 109,059 | 3,928 |

Table 16.—Construction poles produced in Mississippi in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter (inches) | | | | | | | | |
|------------------|------------------|-----------------------------|--------|--------|--------|---|-----|-----|-----|-----|
| | | 3 | 4 | 5 | 6 | I | 7 | 8 | 9 | 10 |
| Pieces | | | | | | | | | | |
| 10-16 | 127,802 | 7,457 | 52,803 | 59,694 | 7,353 | | 51 | 213 | 156 | 75 |
| 18 | 15,419 | | 2,070 | 10,254 | 2,878 | | 5 | 212 | ... | |
| 20 | 20,003 | | 1,384 | 12,420 | 5,820 | | 154 | 139 | 86 | ::: |
| 25 | 8,179 | | 60 | 4,893 | 2,893 | | 209 | 22 | 100 | 2 |
| 30 | 2,194 | 8 | 27 | 833 | 1,236 | | 60 | 27 | | 3 |
| 35 | 793 | | 15 | 166 | 560 | | 52 | | | ... |
| 40 | 107 | . | . | 43 | 64 | | ... | ... | ... | ... |
| 45 | 8 | | | 4 | | | 4 | | | |
| Total | 174,505 | 7,465 | 56,359 | 88,303 | 20,808 | | 535 | 613 | 342 | 80 |

Table 17.—Utility poles produced in Oklahoma in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|------------------|----------------|------------|----|-----|-------|-------|-------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| Pieces | | | | | | | | | | |
| 10-16 | 794 | . | | 178 | . | . | 137 | 70 | 42 | 168 |
| 18 | 1313 | . | | 82 | | | 13 | | 20 | 112 |
| 20 | 2,308 | . | | 70 | 8 | 4 | 16 | 878 | 1,140 | 192 |
| 25 | 6,416 | . | 2 | 10 | 9 | 252 | 1,678 | 2,576 | 1,155 | 734 |
| 30 | 5,529 | 22 | 6 | 25 | 127 | 886 | 3,103 | 968 | 392 | . |
| 35 | 8,340 | .. | 14 | 48 | 612 | 3,285 | 3,487 | 887 | 7 | |
| 40 | 3,719 | 19 | 37 | 153 | 1,294 | 1,833 | 376 | 6 | 1 | . |
| 45 | 651 | 18 | 19 | 191 | 402 | 213 | 4 | 4 | | |
| Total | 28,770 | 59 | 78 | 757 | 2,452 | 6,623 | 8,734 | 5,381 | 2,975 | 1,711 |

Table II.-Construction poles produced in Oklahoma in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter (inches) | | | | | | |
|------------------|------------------|-----------------------------|--------|--------|--------|-----|-----|-----|
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Pieces | | | | | | | | |
| 10-16 | 128,062 | 9,037 | 75,691 | 38,775 | 4,529 | 10 | 20 | |
| 18 | 12,904 | | 5,063 | 6,279 | 1,552 | 10 | | |
| 20 | 16,244 | | 6,953 | 8,136 | 1,155 | | | |
| 25 | 9,053 | | 2,846 | 3,761 | 2,408 | 13 | 10 | 15 |
| 30 | 3,576 | | | 1,818 | 1,745 | 13 | | |
| 35 | 3,151 | | 1 | 1,564 | 1,586 | | | |
| 40 | 9 | | | | . | 1 | 8 | |
| 45 | 1 | | | | | | 1 | |
| 50 | | | | . | . | | | |
| 55 | | | | . | | | | |
| 60 | 10 | | . | 10 | ... | ... | ... | ... |
| 65 | | | | | . | | | |
| 70 | 15 | | 'ii | | . | | | |
| Total | 173,025 | 9,037 | 90,569 | 60,343 | 12,975 | 47 | 39 | 15 |

Table 19.—Utility poles produced in Tennessee in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|------------------|----------------|------------|----|-----|-----|-----|-------|-------|-------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| pieces | | | | | | | | | | |
| 10-16 | 79 | | | | 1 | 1 | 1 | | 49 | 27 |
| 18 | 75 | | | | 1 | 9 | 1 | | 26 | 38 |
| 20 | 572 | 1 | | 4 | 4 | 11 | 75 | 167 | 230 | 80 |
| 25 | 3,550 | 2 | 3 | 4 | 71 | 242 | 667 | 977 | 1,074 | 510 |
| 30 | 3,075 | . | 5 | 38 | 112 | 285 | 647 | 1,225 | 763 | |
| 35 | 1,363 | . | 13 | 20 | 48 | 171 | 1,048 | 63 | | |
| 40 | 219 | . | 20 | 37 | 101 | 56 | 5 | | | |
| 45 | 83 | . | 9 | 35 | 34 | 5 | | | | |
| 50 | | | | | | | | . | | |
| 55 | 2 | 2 | | | | | | | | |
| Total | 9,018 | 5 | 50 | 138 | 372 | 780 | 2,444 | 2,432 | 2,142 | 655 |

Table 20.-Construction poles produced in Tennessee in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter (inches) | | | | | |
|------------------|------------------|-----------------------------|--------|-------|-----|----|--|
| | | 4 | 5 | 6 | 7 | 8 | |
| Pieces | | | | | | | |
| 10-16 | 22,718 | 7,831 | 11,418 | 3,267 | 193 | 9 | |
| 18 | 4,907 | 1,396 | 2,406 | 1,063 | 42 | | |
| 20 | 5,005 | 1,302 | 2,330 | 1,278 | 90 | 5 | |
| 25 | 2,594 | 118 | 1,476 | 987 | | 13 | |
| 30 | 21 | | 20 | 1 | | | |
| Total | 35,245 | 10,647 | 17,650 | 6,596 | 325 | 27 | |

Table 21.—Utility poles produced in Texas in 1964, by class and length

| Length (feet) | All classes | Pole class | | | | | | | | |
|--------------------|----------------|------------|-------|--------|--------|---------|--------|--------|--------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 |
| ----- Pieces ----- | | | | | | | | | | |
| 10-16 | 1,359 | . | . | . | 861 | 31 | 139 | 273 | 55 | |
| 18 | 426 | . | . | . | 21 | 44 | 107 | 123 | 131 | |
| 20 | 11,545 | . | 53 | 451 | 902 | 1,708 | 3,514 | 2,928 | 1,989 | |
| 25 | 35,848 | 1 | 284 | 387 | 932 | 5,729 | 11,520 | 10,365 | 4,638 | 1,992 |
| 30 | 55,822 | 21 | 461 | 1,041 | 5,117 | 13,654 | 24,053 | 9,195 | 2,255 | 25 |
| 35 | 121,024 | 150 | 419 | 2,671 | 17,879 | 50,698 | 42,205 | 7,002 | | |
| 40 | 70,719 | 518 | 2,268 | 7,334 | 26,442 | 28,619 | 5,516 | 22 | | |
| 45 | 20,399 | 390 | 1,793 | 5,184 | 8,086 | 5,054 | 392 | | .. | .. |
| 50 | 5,681 | 150 | 1,114 | 1,799 | 1,859 | 759 | | .. | .. | .. |
| 55 | 2,869 | 146 | .805 | 1,097 | 766 | 55 | | .. | .. | .. |
| 60 | 1,476 | 126 | 376 | 588 | 356 | 30 | | .. | | .. |
| 65 | 772 | 99 | 224 | 264 | 179 | 6 | | .. | .. | .. |
| 70 | 493 | 97 | 151 | 124 | 121 | | | .. | .. | .. |
| 75 | 233 | 47 | 68 | 70 | 48 | | | .. | | .. |
| 80 | 1.92 | 44 | 55 | 49 | 44 | | | .. | | |
| 85 | 2 | . | 1 | 1 | .. | | | .. | | |
| Total | 329,360 | 1,789 | 8,019 | 20,662 | 62,280 | 106,388 | 85,469 | 30,344 | 10,217 | 4,192 |

Table 22.—Construction poles produced in Texas in 1964, by length and small-end diameter

| Length (feet) | All diameters | Small-end diameter | | | | | | | | |
|--------------------|------------------|--------------------|--------|--------|------------|-------|-------|---|----|--|
| | | 3 | 4 | 5 | 6 (inches) | 7 | 8 | 9 | 10 | |
| ----- Pieces ----- | | | | | | | | | | |
| 10-16 | 149,521 | 21,285 | 68,697 | 40,311 | 16,107 | 2,573 | 542 | 4 | 2 | |
| 18 | 11,900 | 1 | 3,722 | 5,703 | 1,949 | 325 | 200 | | | |
| 20 | 11,043 | | 3,494 | 4,261 | 2,570 | 158 | 560 | | | |
| 25 | 2,952 | | 704 | 948 | 1,058 | 42 | 200 | | | |
| 30 | 266 | | 1 | 37 | 99 | 41 | 88 | | | |
| 35 | 23 | | | . | 5 | 3 | 15 | | | |
| 40 | 7 | | . | .. | | 7 | | | | |
| Total | 175,712 | 21,286 | 76,618 | 51,260 | 21,788 | 3,149 | 1,605 | 4 | 2 | |

Table 23.—Utility pole movement for treatment in 1964, by State

| State | Logged and treated in State | Outgoing shipments | | | Incoming receipts | Total receipts |
|-------------|-----------------------------------|-----------------------|--|---------|----------------------|-------------------|
| | | ----- Pieces ----- | | | | |
| Alabama | 354,992 | 323,307 | | 29,676 | | 384,668 |
| Arkansas | 163,748 | 245,223 | | 32,681 | | 196,429 |
| Louisiana | 289,047 | 127,043 | | 202,080 | | 491,127 |
| Mississippi | 415,587 | 240,459 | | 65,325 | | 480,912 |
| Oklahoma | | 28,770 | | 32,436 | | 32,436 |
| Tennessee | 7,896 | 1,122 | | 54,352 | | 62,248 |
| Texas | 314,491 | 14,869 | | 188,632 | | 503,123 |
| Total | 1,545,761 | 980,793 | | 605,182 | | 2,150,943 |

Table 24.—*Construction* pole movement for treatment in 1964, by State

| State | Logged and treated in State | Outgoing shipments | Incoming receipts | Total receipts |
|---------------|--------------------------------------|-----------------------|----------------------|-------------------|
| <i>Pieces</i> | | | | |
| Alabama | 116,516 | 40,912 | 22,857 | 139,373 |
| Arkansas | 227,734 | 166,983 | 38,012 | 265,746 |
| Louisiana | 42,970 | 691 | 898 | 43,868 |
| Mississippi | 138,122 | 36,383 | 13,435 | 151,557 |
| Oklahoma | 122,050 | 50,975 | 134,239 | 256,289 |
| Tennessee | 35,245 | | 2,270 | 37,515 |
| Texas | 147,572 | 28,140 | 11,728 | 159,300 |
| Total | 830,209 | 324,084 | 223,439 | 1,053,648 |

Table 25.—*Piling* movement in 1964, by State

| State | Logged and remained in State | Outgoing shipments | Incoming receipts | Total receipts |
|--------------------|------------------------------------|-----------------------|----------------------|-------------------|
| <i>Linear feet</i> | | | | |
| For treatment: | | | | |
| Alabama | 308,518 | 568,057 | 57,612 | 366,130 |
| Arkansas | 721,870 | 260,408 | 90,055 | 811,925 |
| Louisiana | 3,946,348 | 447,791 | 670,239 | 4,616,587 |
| Mississippi | 2,261,913 | 972,562 | 562,115 | 2,824,028 |
| Oklahoma | 34,358 | 90,055 | 45,995 | 80,353 |
| Tennessee | 570 | | 33,379 | 33,949 |
| Texas | 724,273 | 36,513 | 71,608 | 795,881 |
| Total | 7,997,850 | 2,375,386 | 1,531,003 | 9,528,853 |
| For use untreated: | | | | |
| Alabama | . | . | . | . |
| Arkansas | . | 1,098,325 | . | . |
| Louisiana | . | 405,686 | . | . |
| Mississippi | 35,680 | 7,130 | . | 35,680 |
| Oklahoma | . | ... | ... | . |
| Tennessee | 19,070 | 234,900 | 714,115 | 733,185 |
| Texas | 5,000 | . | 152,206 | 157,206 |
| Total | 59,750 | 1,746,041 | 866,321 | 926,071 |

Table 26.—*Plants that treat wooden poles and piling in Alabama*

| County | Firm | Address | Type ¹ |
|------------|--|------------------------------------|-------------------|
| Baldwin | Alabama Wood Preserving Co. | Robertsdale | P |
| | Baldwin Pole and Piling Co. | Box 768, Bay Minette | P |
| Barbour | Loftin's Post Co. | Clio | P |
| Bibb | W. E. Belcher Lumber Co. | Centreville | P |
| Chambers | Alabama-Georgia Wood Preserving Co. | Lafayette | P |
| Covington | Lockhart Lumber Co., Inc. | Lockhart | P |
| Escambia | T. R. Miller Mill Co. | Brewton | P |
| Houston | Dothan Creosoting Co. | Dothan | N |
| Jefferson | Birmingham Wood Preserving Co. | Box 7040, Birmingham | P |
| | Tennessee Coal and Iron Division of U. S. Steel Corp. | Box 599, Fairfield | P |
| Mobile | Gulfport Creosoting Co. | Box 449, Mobile | P |
| | Republic Creosoting Co. | Box 310, Mobile | P |
| | Horace S. Turner, Jr., Inc. | Mobile | P |
| Montgomery | Koppers Co., Inc. | 1551 Louisville St., Montgomery | P |
| Morgan | Gobble-Fite Lumber Co. | 300 Market St., N. W., Decatur | P |
| Perry | Cahaba Wood Preserving Co. | Suttle | N |
| Shelby | Seaman Timber Co. | Box 372, Montevallo | P |
| Tuscaloosa | Brown Wood Preserving Co. | Brownville | P |

¹ "P" indicates pressure treating.

"N" indicates nonpressure treating.

Table 27.—*Plants that treat wooden poles and piling in Arkansas*

| County | Firm | Address | Type ¹ |
|-----------|--|--------------------------|-------------------|
| Benton | Timber Treated Products, Inc. | Box 147, Rogers | P |
| Boone | Arkwood Treating Co. | Box 145, Omaha | P |
| Jefferson | Dixie Wood Preserving Co. of Arkansas, Inc. | Box 653, Pine Bluff | P |
| Polk | Three States Lumber Co. | Box 70, Mena | P |
| Pulaski | Koppers Co., Inc. | Box 3185, N. Little Rock | P |
| Searcy | Searcy County Creosote Co. | St. Joe | P |
| Sevier | Dierks Forests, Inc. | Box 387, DeQueen | P |
| Union | El Dorado Pole and Piling Co., Inc. | Box 7, El Dorado | P |
| | Southern Wood Treating, Inc. | Box 407, El Dorado | P |
| Yell | Morris Mill Co. | Ola | P |

¹ "P" indicates pressure treating.

Table 28.-Plants that *treat* wooden *poles* and *piling* in *Louisiana*

| Parish | Firm | Address | Type ¹ |
|-----------------|---|--|-------------------|
| Beauregard | International Paper Co., Wood Preserving Division | Box 231. De Ridder | P |
| Bossier | Benton Creosoting Co. Joslyn Manufacturing and Supply Co. | Box 87, Benton Box 21, Shreveport | P P |
| Caddo | Olin Mathieson Chemical Corp. Standard Wood Preservers of Shreveport, Inc. | Box 1125, Shreveport Drawer S, Shreveport | P P |
| Evangeline | Reddell Creosote Co., Inc. | Reddell | P |
| Jefferson Davis | EvR-Wood Treating Co., Inc. | Box 726, Jennings | P |
| La Salle | La Salle Creosoting Co., Inc. The Urania Lumber Co., Ltd. | Jena Urania | P P |
| Orleans | Joslyn Manufacturing and Supply Co. | 6141 Jefferson Hwy., New Orleans | P |
| Rapides | Colfax Creosoting Co. Glenmora Creosote Co. Koppers Co., Inc. | Pineville Box 338, Glenmora Box 1926, Alexandria | P P P |
| St. Tammany | American Creosote Works, Inc. Madisonville Creosote Works Pearl River Wood Preserving Corp. | Slide11 Box 125, Madisonville Box 468, Pearl River | P P P |
| Tangipahoa | Oliver Treated Products Co., Inc. R and K Creosoting Co., Inc. | Box 640, Hammond Natalbany | P P |
| Union | Marion Pressure Treating Co. Union Creosoting Co. | Marion Box 519, Farmerville | P P |
| Washington | Angie Wood Preserving Co., Inc. | Box 583, Angie | P |
| Winn | American Creosote Works, Inc. | Box 110, Winnfield | P |

¹ "P" indicates pressure treating.

Table 29.-Plants that treat poles and piling in Mississippi

| County | Firm | Address | Type ¹ |
|-----------------|--------------------------------------|---------------------|-------------------|
| Attala | Attala Wood Preservers | McCool | N |
| Forrest | C & S Wood Treating Corp. | Box 267, Petal | P |
| George | Buchanan Mfg. Co., Inc. | Lucedale | P |
| Grenada | Koppers Co., Inc. | Box 983, Grenada | P |
| Harrison | Gulfport Creosoting Co. | Box 995, Gulfport | P |
| Hinds | Hinds Wood Preserving Co. | Box 41, Learned | P |
| Jackson | Delta Creosoting Co. | Gautier | P |
| | Hurley Creosoting Co. | Hurley | N |
| Jefferson Davis | Prentiss Creosote Material | Prentiss | P |
| Jones | Laurel Lumber Treating Co. | Laurel | N |
| Lauderdale | Moss-American Creosoting Corp. | Box 789, Meridian | P |
| Lincoln | Mississippi Wood Preserving Co. | Box 766, Brookhaven | P |
| Lowndes | Moss-American Creosoting Corp. | Box 906, Columbus | P |
| Madison | Canton Treating Co. | Box 411, Canton | P |
| Neshoba | Weyerhaeuser Co., DeWeese Operations | Philadelphia | P |
| Pearl River | Crosby Wood Preserving Co. | Picayune | P |
| Pike | Fernwood Industries | Drawer D, Fernwood | P |
| Rankin | R. D. Morrow and Sons | Box 168, Brandon | N |
| Smith | Henderson and Gatewood Post Plant | Lorena | N |
| Stone | Southern Pine Post Co. | Wiggins | P |
| Wilkinson | Crosby Lumber and Manufacturing Co. | Crosby | P |
| Winston | American Creosote Works, Inc. | Box 311, Louisville | P |

¹ "P" indicates pressure treating.

"N" indicates nonpressure treating.

Table 30.-Plants that treat **wooden poles and piling in** Oklahoma

| County | Firm | Address | Type ¹ |
|-----------|--|----------------------|-------------------|
| Atoka | Fugate Lumber Co. | Stringtown | P |
| Choctaw | R. M. Fry Creosoting Co. | Box 472, Hugo | P |
| Le Flore | Midwest Creosoted Products Co. | Box 575, Panama | P |
| McCurtain | Huffman and Kendrick Wood Preserving Co. | Drawer A, Broken Bow | P |
| | Mixon Brothers Wood Preserving Co. | Idabel | P |
| Sequoyah | Southwestern Wood Preserving Co. | Box 827, Muskogee | P |

¹ "P" indicates pressure treating.

Table 3 1.-Plants that treat wooden poles and piling in Tennessee

| County | Firm | Address | Type ¹ |
|----------|------------------------------|---------------------|-------------------|
| Hamilton | Southern Wood Preserving Co. | Chattanooga | P |
| Madison | American Creosote Works | Jackson | P |
| Monroe | The Langdale Co. | Box 108, Sweetwater | P |

¹ "P" indicates pressure treating.

Table 32.-Plants that treat wooden poles and piling in Texas

| County | Firm | Address | Type ¹ |
|-------------|---|-------------------------|-------------------|
| Angelina | Higgins Creosoting, Inc. | Box 1388, Lufkin | P |
| | Lufkin Creosoting Co. | Box 1207, Lufkin | P |
| | Temple Industries | Diboll | P |
| Bowie | International Creosoting & Construction Co. | Box 688, Galveston | P |
| | Texarkana Wood Preserving Co. | Box 156, Texarkana | P |
| Burleson | Santa Fe Tie and Timber Preserving Co. | Box 488, Somerville | P |
| Cass | Cass County Treating Co. | Drawer C, Linden | P |
| Grayson | Texas Tie & Timber Co. | Box 703, Denison | P |
| Gregg | Garland Creosoting Co. | Box 589, Longview | P |
| | Longview Creosoting Co. | Box 2202, Longview | P |
| Grimes | International Paper Co., Wood Preserving Division | Box 788, Navasota | P |
| Harris | Houston Chemical Service | Rt. 3, Box 451, Houston | P |
| | Koppers Co., Inc. | Box 16188, Houston | P |
| | Southern Pacific Railroad | Box 1319, Houston | P |
| Harrison | Marshall Wood Preserving Co. | Box 846, Marshall | P |
| Jasper | Hart Creosoting Co. | Box 300, Jasper | P |
| | Jasper Creosoting Co. | Box 6021, Jasper | P |
| | Texas Electric Cooperatives, Inc. | Box 510, Jasper | P |
| Jefferson | International Creosoting & Construction Co. | Box 688, Galveston | P |
| Marion | Texas Wood Preserving Co. | Box 550, Jefferson | P |
| Montgomery | Conroe Creosoting Co. | Box 109, Conroe | P |
| | Grogan Brothers Lumber Co. | Conroe | P |
| Nacogdoches | East Texas Wood Treating Co. | Box 972, Nacogdoches | N |
| Wood | Texas Creosoting Pole and Post Co. | Star Route, Mineola | P |

¹ "P" indicates pressure treating.

"N" indicates nonpressure treating.

